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Albrecht, Kollias	Radar observations of large-eddy circulations and turbulence in boundary layer clouds	A	4/9	5A
Alexandrov, Lacis, Carlson, Cairns	Integrated study of MFRSR-derived parameters of atmospheric aerosols and trace gases over the ARM CART site:….	B	4/10	4G
Anderberg, Rael, Stoffel	Procedure for generating data quality reports for SIRS radiometric measurements	B	4/10	24C
Anikin, Sviridenkov, Romashova	Estimation of the aerosol single scattering albedo over ZSS from MFRS data	B	4/10	4F
Apituley, Swart, Bergwerff, Slaper, Boers, Bosveld, Holleman, . . .	Cabauw Experimental Site for Atmospheric Research: An Overview	A	4/9	20D
Bahrmann, Peppler, Sonntag, Dean, Moore, Bottone	Atmospheric Radiation Measurement (ARM) Program data quality inspection and assessment activities: a streamlined approach	B	4/10	29E
Barnes, Talus, Marsh, Springer, Brower, Zak	Climate change educational outreach on the North Slope of Alaska	B	4/10	25E
Baum, Nasiri, Mace	On the detection and analysis of multilayered clouds….	A	4/9	15A
Beaulne, Barker, Blanchet, Pavloski, Clothiaux, Marshak	Numerical tests of the cloud-surface interaction based broken-cloud field optical depth retrieval:...	A	4/9	9F
Boudala, Fu, Isaac	A GCM parameterization of mean effective ice particle sizes for high-latitude cirrus clouds….	A	4/9	11D
Braun, Van Hove, Rocken	GPS water vapor projects within the ARM southern great plains region	A	4/9	1A
Cahalan	Satellite observations of solar irradiance and sun-climate impacts	B	4/10	20B
Cahalan	The international intercomparison of 3-dimensional radiation codes	B	4/10	20C
Cahalan, Kolasinski, McGill	Cloud thickness from offbeam returns - thor lidar	A	4/9	7G
Chakrapani, Doelling, Anita, Minnis	Cloud thickness estimation from GOES-8 satellite data over the ARM-SGP site	B	4/10	22F
Chang, Li, Coakley	Evaluate the effect of upper-level clouds on satellite-derived low-level cloud properties	A	4/9	15B

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Chang, Li, Dong, Mace	Validation of satellite-deduced vertical profile of cloud droplet effective radius using ground-based radar measurements	A	4/9	15C
Charlock, Jin, Rose, Rutledge, Smith, Rutan	The surface and atmospheric radiation budget and aerosol forcing with a new formulation for ocean surface albedo	B	4/10	18C
Cheng, Xu	Cloud-resolving simulations of boundary-layer cloud regimes with a third-order turbulence closure	B	4/10	8C
Christy, Long, Shippert	Interpolation uncertainties across the ARM SGP area	A	4/9	24D
Chuang, Bergmann, Dignon, Connell	Aerosol simulations by LLNL IMPACT and comparisons with field measurements	B	4/10	2E
Cialella, Baez-Cazull, Wagener	Creation of a land use/land cover map of the central facility of the ARM Program in the Southern Great Plains….	A	4/9	17C
Cimini, Shaw, Westwater	Recent progress in retrieving air temperature profiles and air-sea temperature differences from….	A	4/9	17H
Cimini, Westwater, Han, Keihm	Ground-based dual-channel microwave radiometer measurements and comparisons during WVIOP2000	A	4/9	1E
Clements, Jones, Baldwin, Nitschke	Darwin: The third TWP ARCS site	A	4/9	30 C,D
Clough, Cady-Pereira, Boukabara, Liljegren	The physical retrieval of PWV and CLW with monoRTM using ARM MWR data	B	4/10	27E
Cole, Long, Ackerman	A climatology of shortwave cloud radiative forcing using ground-based broadband radiometric time-series	A	4/9	19B
Comstock, Fu, Turner, Ackerman	Lidar remote sensing of cirrus clouds at the Southern great plains site: comparisons of extinction….	A	4/9	11E
Comstock, Mather, Ackerman	Comparison of cirrus cloud radiative properties and dynamical processes at two ARM sites….	A	4/9	11F
Davies, Horvath	MISR cloud results: global-to-local comparisons	B	4/10	22B
Davis, Petrov, Clothiaux, Marshak	Stratus cloud structure from mm-radar transects and satellite images:….	B	4/10	10H
Dedecker, Quinn, Garcia, Revercomb	Introducing WEB_MADS	A	4/9	29A

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Delamere, Clough, Mlawer, Boukabara, Cady-Pereira, Shephard	An update on radiative transfer model development at atmospheric & environmental research, inc.	B	4/10	27F
Delle Monache, Perry, Cederwall	Comparison of aerosol properties within and above the atmospheric boundary layer at the ARM SGP site	B	4/10	32B
DeSlover, Knuteson, Turner, Whiteman, Smith	AERI and raman lidar cirrus cloud optical depth retrieval to validate aircraft-based cirrus measurements	A	4/9	11A
Diner	Availability and status of MISR geophysical data products	B	4/10	22A
Dong, Mace	Arctic stratus cloud properties and radiative forcing derived from ground-based data…	A	4/9	9C
Dong, Mace	An integrated algorithm for retrieving low-level stratus cloud microphysical properties…	A	4/9	9D
Dong, Minnis, Sun-Mack, Mace	Validation of CERES/MODIS cloud property retrievals using ground-based measurements obtained at the DOE ARM SGP site	A	4/9	9B
Doty, Wagener, Liljegren	Web-based tools for IOP administration tasks and IOP questionnaire handling	B	4/10	26B
Dvoryashin, Golitsyn	Remote spectroscopic determination of liquid water path in thick clouds in winter conditions	A	4/9	15G
Eide, Stamnes	Representing a spheroidal particle by a collection of equal volume to surface area spheres:….	B	4/10	18G
Eloranta, Kuehn	Lidar multiple scattering determinations of particle size in cirrus clouds	A	4/9	13B
Eloranta, Razenkov, Kuehn, Holz, Hedrick	A high spectral resolution lidar for the arctic--a progress report	A	4/9	13A
Evans, Puckrin, Ackerman	Comparison of ARM AERI with Trent FTS spectra for measurement of greenhouse radiative fluxes	A	4/9	28B
Evans, Wiscombe	Exploration of statistical angular radiance closure in cloudy skies	B	4/10	14G
Feingold, Lane, Min	Investigation of the aerosol indirect effect at the Southern Great Plains using ground based remote sensing and modeling	B	4/10	2F

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Feltz, Howell, Woolf, Tanamachi, Knuteson	AERI plus retrieval algorithm improvements: increased vertical resolution…..	A	4/9	29B
Feltz, Schmit, Hawkinson, Tobin, Wetzel-Seeman	Validation of GOES and MODIS atmospheric products and radiances using DOE ARM measurement data	A	4/9	28C
Ferrare, Brasseur, Clayton, Turner, Remer, Gao	Evaluation of Terra aerosol and water vapor measurements using ARM SGP data	B	4/10	6B
Ferrare, Turner, Clayton, Brasseur, Tooman, Goldsmith, Ogren…	Raman lidar profiling of aerosols and water vapor over the Southern Great Plains	B	4/10	6A
Fischer, Billesbach, Berry, Riley, Torn	Spatial heterogeneity in mid-summer fluxes of carbon, water and energy in agricultural plots near the SGP central facility	A	4/9	17B
Flynn, Beus	ARM core PC configuration	B	4/10	26E
Flynn, Koontz, Halter, Barnard, Michalsky, Schlemmer	The ARM aerosol optical thickness VAP: aerosol optical thickness over the SGP central facility	B	4/10	32A
Frisch, Shupe	Further error estimates of cloud radar effective radius retrievals from in-situ aircraft measurements….	A	4/9	13G
Gaustad, Long	An Evaluation of Cloud Cover, Cloud Effect, and Surface Radiation Budgets at the SGP and TWP ARM Sites	A	4/9	7D
Gautier, Dufresne, Ricchiazzi	Importance of parameterization of longwave radiative scattering by mineral aerosols	B	4/10	4C
Ghan	Testing a cloud condensation nuclei remote sensing method	B	4/10	2B
Golitsyn, Gorchakova, Mokhov	Aerosol Radiative Forcing Under Cloudless Conditions in Winter ZCAREX-2001	B	4/10	6D
Golitsyn, Isakov	Some statistical regularities of variations of optical and microphysical characteristics for the surface aerosol	B	4/10	6E
Gu, Farrara, Liou, Mechoso	Parameterization of cloud/radiation processes in the UCLA general circulation model	B	4/10	14D
Haeffelin, Chepfer, Delaval, Drobinski, Protat, Sauvage	SIRTA: a French observation site for atmospheric remote sensing	A	4/9	24F
Hagan	A preview of the EOS atmospheric infrared sounder	B	4/10	20A

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Hamm	Comparison of daily broadband surface albedos measured at six extended facilities in the ARM southern great plains….	A	4/9	28A
Hargrove, Brandt, Jager, McCord	A "make-a-difference" experiment to assess the value of ARM data in carbon cycle models	B	4/10	28D
Harrison, Kiedron, Min	The clear-sky diffuse 'problem' at SGP: RSS data and analysis	A	4/9	21G
Hazen, Westwater, Fairall	Radiometric observations at 20, 30, and 90 GHz during EPIC	A	4/9	9G
Heck, Rapp, Minnis, Smith, Nguyen	An improved technique for retrieval of cloud properties at night and in low sun conditions	A	4/9	15D
Hinkelman, Evans, Clothiaux, Ackerman	The effect of fair-weather cumulus cloud field anisotropy on radiative surface fluxes	B	4/10	14F
Hnilo, Boyle, Cederwall, Fiorino, Phillips, Potter, Williamson	CCPP-ARM GCM analysis of tendency errors (CAGATE): Part II results	B	4/10	32C
Hodges	ARM sites in the BSRN database	A	4/9	23E
Iacobellis, Somerville, McFarquhar, Mitchell	Sensitivity of radiative fluxes and heating rates to cloud microphysics	B	4/10	14B
Iacono, Delamere, Mlawer, Clough	Cloudy sky RRTM shortwave radiative transfer and comparison to the revised ECMWF….	B	4/10	27D
Inoue, Ackerman	ERBE OLR and cloud type by split window	B	4/10	14E
Intrieri, Shupe	The influence of clouds on the arctic surface	A	4/9	13C
Ismail, Ferrare, Browell, Kooi, Brassuer, Clayton, Brackett….	LASE characterization of water vapor over the ARM SGP during AFWEX	B	4/10	6C
Jeffries	Nighttime offset and capping experiment results for the Isothermal Pyranometer at the 2001 diffuse shortwave IOP	A	4/9	21D
Jensen, Del Genio	Observations of mid-level convective clouds during Nauru99	A	4/9	3C
Jensen, DelGenio	Radiative properties of precipitating anvils in the tropical western Pacific	A	4/9	3D
Kadygrov, Golitsin, Kuznetsova	Investigation of atmospheric boundary layer thermal regime above urban area on the base of microwave remote sensing	A	4/9	17F
Kassianov	Brightness fields in statistically inhomogenous clouds	B	4/10	16B

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Kassianov, Ackerman, Kollias	The role of cloud scale resolution on radiative properties of oceanic low-level clouds	B	4/10	16C
Kassianov, Ackerman, Marchand	MISR-derived statistics of cumulus geometry at TWP site	B	4/10	16D
Kassianov, Long	ARM Total sky imager: monte carlo simulations	B	4/10	16A
Kato	Incorporating correlations between optical thickness and direct incident radiation …..	B	4/10	18H
Khairoutdinov, Randall	Similarity of deep convection during the ARM summer 1997 IOP: CRM study	B	4/10	8F
Khaiyer, Minnis, Smith, Rapp, Doelling, Nguyen	Evaluation of a 5-year cloud and radiative property dataset derived from GOES-8 data over the Southern Great Plains	A	4/9	26C
Khandwalla, Majurec, Sekelsky	Characterization of radar boundary layer data collected during the	A	4/9	5F
Khvorostyanov, Curry	Parcel model simulations of crystalline clouds using a new treatment of heterogeneous ice nucleation…	B	4/10	12D
Kiedron, Berndt, Yager, Harrison, Michalsky	Characterization and calibration fo the commerical RSS slated for permanent deployment at SGP	A	4/9	21F
Kiedron, Michalsky, Berndt, Min, Harrison	Spectral diffuse irradiance in UV, VIS, and NIR during the 2001 diffuse IOP	A	4/9	21E
Klaus, Andrew, Mace, Bahrmann, Vernon, McCollum, Gobble, Anthony, Johnson	Interactive uses of the NSDL: atmospheric visualization collection	B	4/10	29F
Klein, Pincus, Xu	Using cloud resolving model simulations of deep convection to inform cloud parameterizations in large-scale models	B	4/10	31B
Kogan, Mechem, Kogan	Variability of low stratus over the ARM SGP CART based on cloud radar data and LES simulations	B	4/10	10C
Kollias, Albrecht	Processing of ARM millimeter wave cloud radar signals at low signal to noise conditions	A	4/9	5C
Kollias, Albrecht	Fair-weather cumuli climatology at the TWP ARM site	A	4/9	5B
Koprov, Golitsyn	Instant temperature profiles in winter and summer conditions and their connection to the variation of radiation field	B	4/10	16G

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Kovacs	Cloud aerosol lidar and infrared pathfinder satellite observations (CALIPSO) quid pro quo validation	B	4/10	22H
Lacis, Mishchenko, Carlson	Parameterization of hygroscopic aerosols in a climate GCM	B	4/10	8A
Lane	Development of a stochastic cloud-radiation parameterization	B	4/10	14A
Lazarus, Krueger	An intercomparison of MMCR and NCEP global model cloud fraction and cloud overlap at the ARM SGP, NSA, and TWP sites	B	4/10	12G
Leitner, Valero	Further analysis of the thermal offset in pyranometers	A	4/9	23D
Lesht, Richardson	The Vaisala radiosonde dry-bias correction redux	A	4/9	1C
Li, Cribb, Trishchenko	Developing a multi-year surface radiation budget dataset in support of model development	B	4/10	20F
Liljegren	Continued evaluation of the microwave radiometer profiler	A	4/9	24G
Liljegren, Sisterson, Teske	Status, accomplishments, and recent developments at the southern great plains (SGP) cloud and radiation testbed (CART)	A	4/9	24H
Long, Ackerman, Christy	Variability across the ARM SGP Area by temporal and spatial scale	A	4/9	24E
Luo, Krueger, Moorthi, Pan	Evaluation of cirrus properties imulated by a single-column model using cloud radar observations…	B	4/10	12F
Ma, Ellingson	On the uncertainty of inferring absolute cloud fraction from time series of narrow field of view observations	B	4/10	18D
Mace, Hudach	Mining the ARM data set; A WWW-staged prototype relational database of ARM data	B	4/10	26F
Mace, Sonntag, Benson-Troth, Sekelsky, Heymsfield, Frisch, Poellot	The March 9, 2000 cirrus cloud system: a 4d illustration of jet stream cirrus observed by scanning….	A	4/9	3A
Majurec, Khandwalla, Sekelsky, Li, Williams, Gage	Automated W-band/S-band radar profilers for the ARM-SGP 2001	A	4/9	5E
Marchand, Ackerman	An assessment of MWR retrievals of liquid water path using clear-sky data	A	4/9	9H
Marshak, Knyazikhin, Wiscombe, Davis	CIMEL measurements of zenith radiances at the ARM site	A	4/9	27B

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Marty, Storvold, Philipona, Delamere, Dutton, Michalsky, Stamnes, Eide, Stoffel	Comparisons between measured and modeled longwave irradiances during arctic winter:….	A	4/9	25A
Mather, Mace, Ackerman, Comstock, Flynn, Widener, Marchand	CRYSTAL FACE: An intensive field campaign for the study of tropical cirrus	A	4/9	3B
Matrosov, Heymsfield, Shupe, Korolev	Retrievals of vertical profiles of cloud ice mass and particle characteristic size from MMCR data	A	4/9	13F
May, Jakob, Keenan, Forgan, Rikus, Mitchell	Darwin ARCS3	A	4/9	30A
McFarlane, Evans	Evaluation of broadband surface flux closure under cloudy skies at Nauru	B	4/10	18B
McFarquhar, Yang, Macke, Baran, Iacobellis, Somerville, Mace, Zhang	Parameterizations of ice cloud microphysic and radiation for climate models: schemes and sensitivity studies	B	4/10	14C
Mechem, Kogan	Simulation of post-frontal boundary layers observed during the ARM 2000 cloud IOP	B	4/10	10D
Mechem, Ovtchinnikov, Kogan, Davis, Cahalan, Takara, Ellingson	Multi-dimensional longwave forcing of PBL stratocumulus in a large eddy simulation model	B	4/10	10E
Michalsky, Barnard, Marchand, Min, Pilewskie	Simultaneous spectral albedo measurements near the ARM SGP central facility	A	4/9	21A
Michalsky, Bush, Dolce, Dutton, Haeffelin, Leitner, Major, Marsden, Schlemmer…	Results from the first diffuse irradiance IOP - Fall 2001	A	4/9	21B
Miller, Johnson	A continuous initial estimate of cloud microphysical structure using surface-based remote sensors and…….	B	4/10	20G
Miloshevich, Paukkunen	Impact of Vaisala radiosonde humidity corrections on ARM IOP data	A	4/9	1B
Min, Harrison, Kiedron, Berndt, Joseph	Photon pathlength distributions derived from a high resolution spectrometer (AWS)	A	4/9	21H
Minnett, Papakyriakou, Ananasso, Key, Hanafin	Regional variation in cloud radiative forcing at the Arctic surface	A	4/9	23A
Minnett, Sellar	A new hyperspectral imaging interferometer for measurements of surface albedo	A	4/9	23B

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Minnis, Smith, Rapp, Heck, Young, Nguyen, Khaiyer	Near-real-time retrieval of cloud properties over the ARM CART area from GOES data	A	4/9	27C
Mitchell, Baran, Arnott, Schmitt	Testing of the modified anomalous diffraction approximation with laboratory measurements and t-matric calculations	A	4/9	15H
Mitchell, Ivanova	Retrieval of ice water path, ice particle size and shape	A	4/9	11C
Mitchell, DeSlover	AERI-LIDAR retrievals of ice cloud physical properties, including the first estimates of photon tunneling…	A	4/9	11B
Mlawer, Delamere, Clough, Shippert, Long, Ellingson…	The broadband heating rate profile (BBHRP) VAP	B	4/10	20H
Moore, Bottone	NCVweb-an interactive Web based tool for viewing ARM data	B	4/10	28F
Moore, Bottone	Data quality of quality measurement experiments (QME)	B	4/10	28E
Moran, Martner, Chanders, Clark	Forthcoming upgrades to the ARM MMCRs: Improved radar processor dual-polarization	A	4/9	5H
Morcrette	The surface longwave radiation in the ECMWF forecast system	B	4/10	20E
Musat, Ellingson	Analysis interface for nighttime aerosol optical depth assessment with ARM WSI	B	4/10	18F
Nguyen, Minnis, Young, Smith, Heck, Rapp	Use of multi-resolution imager data to account for partially cloud-filled pixels	B	4/10	22E
Nordeen, Doelling, Khaiyer, Rapp, Minnis	A Climatology of Cloud & Radiative Properties Derived from GMS-5 Data over the Tropical Western Pacific	A	4/9	26D
Norris, Weaver, Gordon, Klein	Investigation of mesoscale cloud variability associated with fronts using ARM observations and RAMS simulations	B	4/10	12H
O'Hirok, Gautier	A statistical analysis of the coupling between subgrid cloud structure and grid-scale dynamic-hydrological processes	B	4/10	4B
O'Hirok, Gautier	A final analysis of the comparison between theoretical and observed estimates of broadband absorptance during ARESE II	B	4/10	4A
Oreopoulos, Marshak, Cahalan	Consistency of ARESE II cloud absorption estimates and sampling issues	B	4/10	14H

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Ovtchinnikov, Ghan, Dong, Zhang	Effect of subgrid cloud variability on parameterization of indirect aerosol effect in large-scale models	B	4/10	10F
Ovtchinnikov, Mechem, Ackerman, Cahalan, Davis, Ellingson, Kogan, Takura	Broadband longwave radiative cooling rates in inhomogeneous stratocumulus clouds	B	4/10	10G
Panchenko	Some results of joint measurements of aerosol extinction of solar radiation on horizontal and slant paths	B	4/10	6G
Panchenko	Instrumental and technical approach to prompt field measurements of size distributions….	B	4/10	6H
Panchenko	Investigations of the absorption properties of near-ground aerosol by the methods of optical-acoustic spectrometry….	B	4/10	6F
Pavloski, Clothiaux, Barker, Marshak, Ackerman	Field tests of the cloud-surface interaction based broken cloud field optical depth retrieval:….	A	4/9	9E
Penner, Chen	A new parameterization of droplet nucleation	B	4/10	2C
Penner, Zhang, Chuang	A calculation of forcing by carbonaceous aerosols	B	4/10	2D
Peppler, Sonntag, Dean Bahrmann, Moore, Bottone	DQ.ARM.GOV: Future development of the ARM data quality health and status website	B	4/10	29C
Pilewskie, Rabbette, Bergstrom Pommier, Howard	Spectral characterization of the scattering and absorption of solar radiation by aerosols and clouds…..	A	4/9	23C
Pincus, Hannay, Evans	Using time-height cross-sections of cumulus cloud fields for solar radiative transfer	B	4/10	31D
Pincus, Klein, Hannay, Xu	Cloud resolving models as scaffolding for cloud parameterizations in large-scale models	B	4/10	31C
Pinto, Curry, Lane, Stone	Performance of radiative transfer codes under Arctic conditions	B	4/10	18A
Platt, Ausin, Bennett	Quality infrared radiance and emittance data with the CSIRP/ARM Mark II narrow-beam radiometer	A	4/9	25B

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Posselt, Mecikalsky, Tanamachi, Felt, Turner, Tobin, Knuteson, Revercomb	Comparisons of a cloud resolving model and ARM data	B	4/10	8B
Potter, Boyle, Cederwall, Fiorino, Hnilo, Phillips, Williamson	CCPP-ARM GCM analysis of tendency errors (CAGATE): Part I method	B	4/10	32D
Powell, Dato, Haeffelin, Dubovik	Clear-sky model and measurement comparisons from the first diffuse irradiance IOP - Fall 2001	A	4/9	21C
Reda, Stoffel, Myers	Establishing the clear sky diffuse reference for BORCAL using EPLAB model 8-48 pyranometers at the..…	A	4/9	23G
Reynolds, McPhaden, Freitag	The TAO buoy solar radiation array - implementation, calibration, and results	A	4/9	27A
Ricchiazzi, Gautier	Aerosol properties during the Cerro Grande fire and the mongolian dust event of April 2001	B	4/10	4D
Richardson, Lesht, Bahramann, Tobin	Radiosonde scaling using a chilled mirror hygrometer	A	4/9	1D
Roskovensky	Detection of thin cirrus using MODIS 1.38 micron reflection	B	4/10	22C
Rothman, Schroeder	Millenium HITRAN compilation	B	4/10	16H
Rutan, Charlock	Interannual variation in the observed shortwave record from ARM/SGP	A	4/9	19D
Sassen, Wang, Comstock, Platt	Reconciling infrared absorption parameterizations for midlatitude cirrus clouds	A	4/9	11G
Schuster, Dubovik	Use of AERONET aerosol retrievals to calculate clear-sky irradiance at the surface	B	4/10	4E
Schwartz, Ferrare, Ogren, Daum, Schmid, Ghan	ARM aerosol IOP May 2003	B	4/10	2A
Sengupta, Ackerman, Clothiaux	Climatology of stratus clouds at the SGP: a radiation based study	B	4/10	12A
Sengupta, Ackerman, Clothiaux	Relative importance of size distribution and liquid water path to solar radiation in the presence of continental stratus	B	4/10	12B
Shaw, Joe	Infrared cloud imager deployment at the North Slope of Alaska	B	4/10	12E

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Shi, Long	Techniques and methods used to determine the best estimate of radiation fluxes at SGP central facility	A	4/9	23F
Shukurov, Shukurov, Golitsyn	On the results of autumn measurements of the direct sun radiation flux by actinometer and maximal polarization….	A	4/9	19H
Shupe, Uttal, Matrosov	An annual cycle of remotely-derived arctic cloud microphysics	A	4/9	13D
Shupe, Zuidema, Uttal, Schneider	Arctic cloud heating rate profiles using explicit cloud microphysics	A	4/9	13E
Slater, Long, Tooman	A comparison of the TSI/WSI cloud fraction estimates at the SGP	A	4/9	7C
Smith, Charlock, Roback, Rutledge, Zhang	Aircraft measurements of spectral and broadband shortwave albedo from the NASA Langley OV-10	A	4/9	19C
Soden, Ferrare, Goldsmith, Smith, Tobin, Turner, Whiteman	A satellite-based assessment of upper tropospheric water vapor measurements during AFWEX	A	4/9	3G
Soden, Turner, Lesht	Correction of sonde upper tropospheric humidity through radiance assimilation	A	4/9	3F
Spangenberg, Doelling, Minnis, Uttal	Nighttime cloud detection over the Arctic using AVHRR data	B	4/10	22g
Spinhirne, Welton, Campbell, Berkoff	MPL-net at ARM sites	A	4/9	7B
Starr, Demoz, Wang, Lin, Lare, Mace, Poellot, Sassen, Brown	Evaluation of cirrus cloud simulations using ARM data - development of a case study data set	B	4/10	12C
Stephens, Gabriel, Wood	Assessing cloud overlap parameterization of global climate models using ARM data	B	4/10	31A
Stoffel, Gotseff	Effects of radiometer cleaning frequency on the accuracy of SIRS measurements	B	4/10	24B
Stoffel, Reda	Maintaining radiometer calibration traceability to the world radiometric reference…	B	4/10	24A
Storvold, Marty, Xiong, Stamnes, Zak	Cloud properties over the north slope of Alaska: A comparison of ground-based and space-based retrievals	A	4/9	15F
Stramler, Del Genio, Rossow	Preferred modes of surface-atmosphere interaction in the polar regions	A	4/9	17E

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Takara, Ellingson	Initial testing of longwave parameterizations for broken water cloud fields ? Accounting for transmission	B	4/10	18E
Tobin, Revercomb, Turner	Overview of the ARM/FIRE water vapor experiment (AFWEX)	A	4/9	3H
Tobin, Turner, Knuteson, Revercomb, Clough, Cady-Pereira	Analysis of the AERI/LBLRTM QME	A	4/9	3E
Torn, Berry, Riley, Fischer, Billesbach, Helliker, Giles	From crops to boundary layer and back down again: the ARM carbon project in the Southern Great Plains	A	4/9	17A
Trischenko, Hwang, Li	Atmospheric correction of satellite signal in solar domain: Impact of improved molecular spectroscopy	A	4/9	19g
Trischenko, Li, Cribb, Park, Hwang	Towards development of a synthesized database of spatial and temporal surface spectral reflectivity….	A	4/9	19F
Trishchenko	Asymmetry in the diurnal cycle of atmospheric downwelling radiation at the ARM SGP CF site over 1995-2001 period	A	4/9	19E
Turner, Ackerman	Cloud phase determination in the Arctic using AERI data	A	4/9	13H
Varanasi	Infrared absorption spectrum of water vapor as applicable to ARM	A	4/9	25C
Vernon, Mace	Using ARM radar data to paramterize the moments of cirrus cloud properties in terms of cloud layer thickness and temperature	A	4/9	7F
Vogelmann	Aerosol radiative effects in the tropical western pacific	B	4/10	4H
Wagener, Gregory, Ma, Cialella	ARM external data: recent developments and future plans	B	4/10	26A
Wang, Sassen	Heating rates in midlatitude cirrus cloud calculated from retrieved cirrus microphysical properties	A	4/9	11H
Westwater, Leuski, Racette	Combination of temperature and humidity profiles from a scanning 5-mm radiometer and MWR-scaled radiosondes…	A	4/9	17G
Whiteman, Evans, Di Girolamo, Demoz, Turner, Comstock, Ismail…	NASA/GSFC Scanning Raman Lidar measurements of water vapopr and cirrus clouds during WVIOP2000	A	4/9	1F
Widener	New ARM data stream: surface images at NSA/AAO sites in Barrow and Atqasuk	B	4/10	25D

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Widener, Long	Nauru Island effect study - installation and preliminary data	A	4/9	30B
Wilcox, Andreas, Reda, Myers	Improved methods for broadband outdoor radiometer calibration (BORCAL)	A	4/9	23H
Williams, Leon, Cruz-Pol, Sekelsky, Gage	Sample observations from the 2001 multi-frequence radar IOP	A	4/9	5G
Wu, Liang	Radiative effects of cloud inhomogeneity and geometric association over the Tropical Wester Pacific	B	4/10	16E
Xie, Cederwall, Yio, Zhang	Developing continuous SCM/CRM forcing using NWP products constrained by ARM observations	B	4/10	8H
Xiong, Storvold, Marty, Stamnes, Zak	Use of NSA/ARM data to validata/improve the retrieval of Arctic cloud and surface properties from AVHRR	A	4/9	15E
Xu, Krueger, Randall, Cederwall, Xie, Yio	Comparison of cloud-resolving with single column simulations of summertime midlatitude convection	B	4/10	8E
Xu	Impact of intermodel differences in cloud microphysics on radiation: diagnosis from Case 3 CRM intercomparison data	B	4/10	8D
Younkin, Long	Results of the Dutton et al. IR loss correction VAP: statistical analysis of corrected and uncorrected SW measurements	A	4/9	19A
Zak, Zirzow, Einfeld	The North Slope of Alaska CART and Arctic change 2002	B	4/10	25F
Zhang, Cederwall, Xie, Yio	Integrated measurements form ARM SCM IOPs relevant to GCM parameterizations	B	4/10	8G
Zhu, Albrecht	The parameterization of shallow cumulus convection	B	4/10	10A
Zhu, Albrecht	Large eddy simulations of fair-weather cumulus case at SGP site	B	4/10	10B
Zhuravleva, Petrushin	Mixed-phase clouds: simulation of optical and radiative properties	B	4/10	16F
Zuev, Bondarenko	Reconstruction of paleobehavior of ozonosphere based on response to UV-B radiation effect…	B	4/10	22D